Canon

EOS 20D
DIGITAL

Pocket Guide

This guide explains how to set digital functions, shoot images, and playback images. You can take this guide with you for shooting. For detailed instructions, refer to the EOS 20D Instruction Manual.

E

Quick Start Guide

1 Insert the battery into the camera.

2 Attach the lens.

For EF-S lens   For EF lens

Align the EF-S lens with the camera's white index mark or align the EF lens with the red index mark to attach the lens.

3 On the lens, set the focus mode switch to <AF>.

4 Open the CF card slot cover and insert a CF card.

5 Set the Power switch to <ON> or <⟋>.

6

Turn the Mode Dial to <□> (Full Auto).
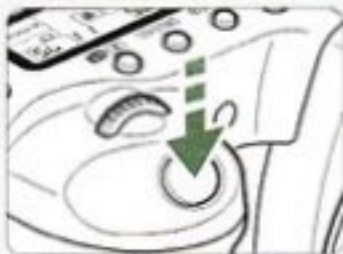All the settings necessary for shooting are set automatically.

7

Focus the subject.
Aim an AF point over the subject and press the shutter button halfway to focus.

8

Shoot.
Press the shutter button fully to shoot.

9

View the image.
The image will appear for about 2 sec.
• You can change the image review time with the menu's [► **Review time**] setting.

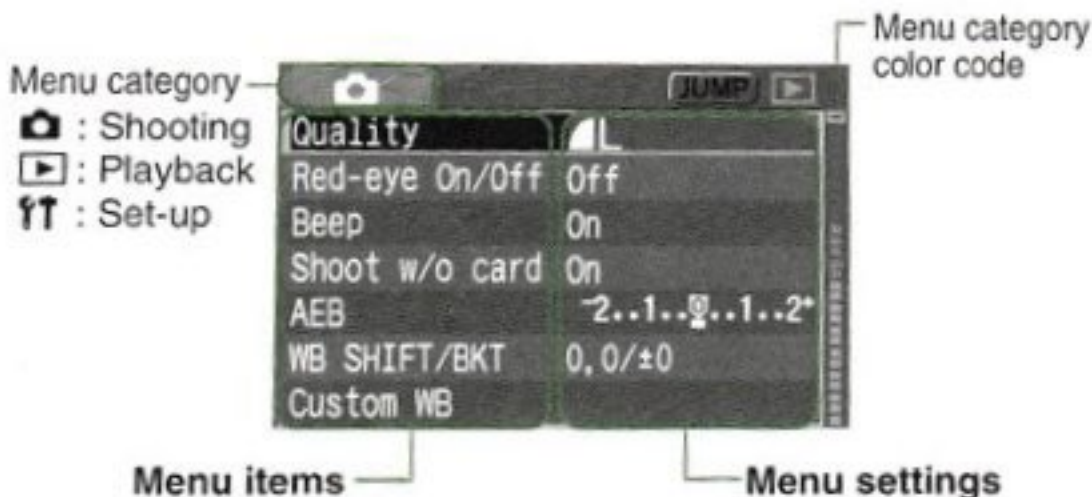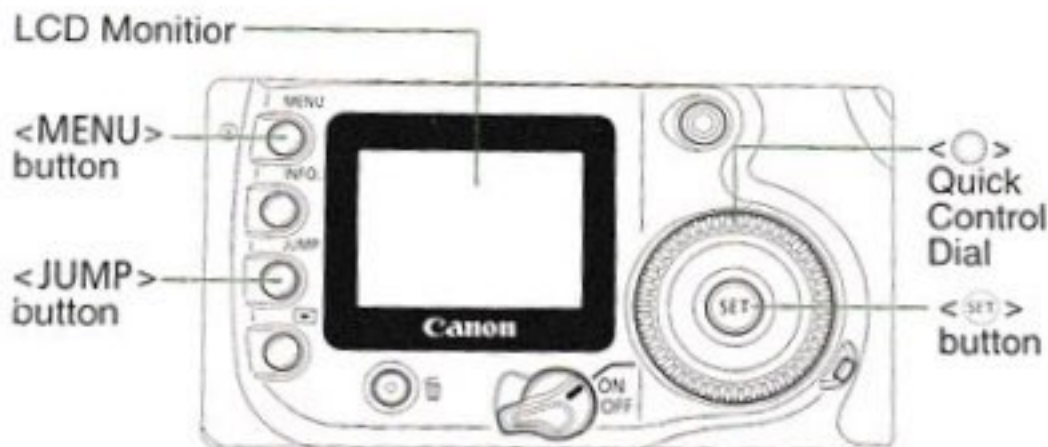● Features marked with a ★ can only be used in Creative Zone modes (**P**, **Tv**, **Av**, **M**, **A·DEP**).

● **Battery Life**

Temperature	No Flash	50% Flash Use
At 20°C / 68°F	Approx. 1000 shots	Approx. 700 shots

Setting Digital Functions

Menu Operations

For menu operations, basically you look at the LCD monitor and press the <MENU> button, turn the <○> dial, and press the <(SET)> button.

LCD Monitior

<MENU> button

<JUMP> button

<○> Quick Control Dial

<(SET)> button

Menu category color code

Menu category
- ○ : Shooting
- ▶ : Playback
- ¶¶ : Set-up

Quality	L
Red-eye On/Off	Off
Beep	On
Shoot w/o card	On
AEB	⁻2..1..○..1..2⁺
WB SHIFT/BKT	0,0/±0
Custom WB	

Menu items

Menu settings

Menu Settings

<⌂> Shooting menu

⌂	JUMP ▷
Quality	◢ L
Red-eye On/Off	Off
Beep	On
Shoot w/o card	On
AEB	‾2..1..◙..1..2⁺
WB SHIFT/BKT	0, 0/±0
Custom WB	
Color temp.	5200 K
Color space	sRGB
Parameters	Parameter 2

<▷> Playback menu

▷	JUMP ⚒
Protect	
Rotate	
Print Order	
Auto Play	
Review time	2 sec.

Reverting to the Default Settings ★

- Under the [⚒ Clear settings] menu, select [Clear all camera settings].
- Select [OK]. (The default settings below will be restored.)

Shooting Settings

AF mode	One-Shot AF
AF point selection	Automatic AF point selection

<⚒> Set-up menu

	JUMP
Auto power off	1 min.
Auto rotate	On
LCD Brightness	☀—•—☀
Date/Time	08/18/'04 11:05
File numbering	Continuous
Language	English
Video system	NTSC
Communication	Normal
Format	
Custom Functions(C.Fn)	
Clear settings	
Sensor clean.	
Firmware Ver. 1.0.0	

Shooting Settings

Metering mode	Evaluative metering
Drive modes	Single shooting
Exposure compensation	0 (Zero)
AEB	Off

Image Recording Settings

Quality	◢ L
ISO speed	100
Color space	sRGB
White balance	AWB
WB correction/BKT	Off
Parameters	Parameter 2

Image-Recording Quality
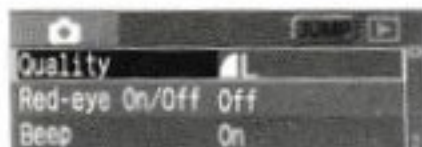
○ [JUMP] ▶	● Select [○ Quality].
Quality ▲L	● Turn the <○> dial to select the
Red-eye On/Off Off	recording quality.
Beep On	

Image-recording quality	Megapixels	File Size	Possible Shots	Max. Burst	Print Size
◢L	Approx. 8.2	Approx. 3.6MB	66	20	A3 or larger
◢L		Approx. 1.8MB	133	32	
◢M	Approx. 4.3	Approx. 2.2MB	112	28	A5 - A4
◢M		Approx. 1.1MB	221	61	
◢S	Approx. 2.0	Approx. 1.2MB	195	64	A5 or smaller
◢S		Approx. 0.6MB	380	123	
RAW	Approx. 8.2	Approx. 8.7MB	27		A3 or larger
RAW + ◢L			18		
RAW + ◢L			22		
RAW + ◢M	—	21	6	—
RAW + ◢M			23		
RAW + ◢S			23		
RAW + ◢S			25		

* In the Basic Zone modes, RAW and RAW+JPEG cannot be selected.
* The number of possible shots applies to a 256MB CF card.
* The actual maximum burst during continuous shooting will depend on the shooting conditions (see page 48 of the EOS 20D instruction manual).

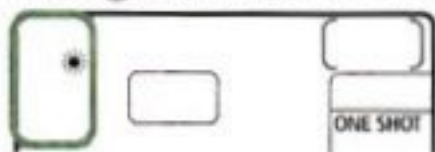# ISO ISO Speed *
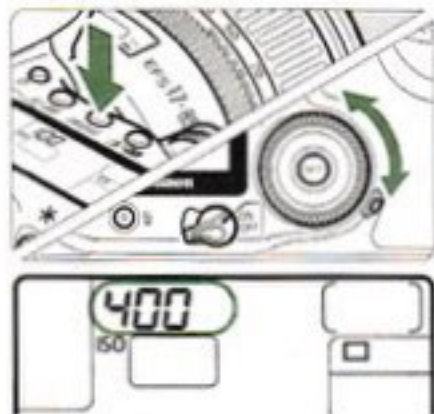
- Press the <DRIVE•ISO> button.
- Turn the <○> dial and select "100", "200", "400", "800", or "1600".
- If you set C.Fn-08 [ISO expansion] to [1: On], "H" (ISO 3200) can also be set.
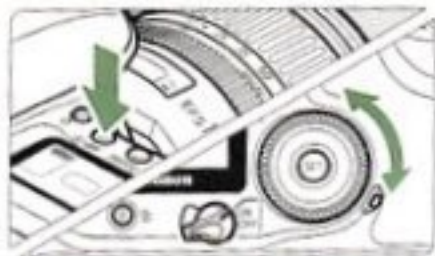
WB White Balance *

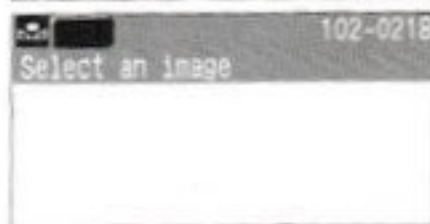- Press the <AF•WB> button.
- Turn the <○> dial to select the wite balance.

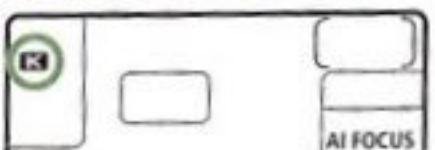| Display	Mode	Color temperature (Approx. K)
AWB	Auto	3000 - 7000
☀	Daylight	5200
🏠	Shade	7000
☁	Cloudy, twilight, sunset	6000
💡	Tungsten	3200
📺	White fluorescent light	4000
🗲	Flash	6000
📷	Custom	2000 - 10000
K	Color temperature	2800 - 10000

◢●◣ Custom White Balance *
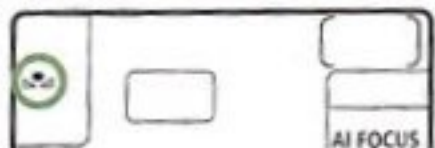
- Press the <AF·WB> button.
- Turn the <○> dial to select <◢●◣>.
- Cover the entire partial metering circle with a plain, white object, then take the picture at the normal exposure.
- Select [◘ Custom WB].
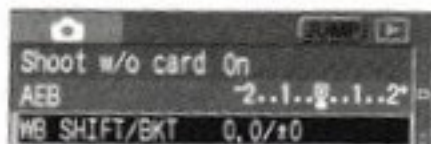- Select the white image you just shot.

AI FOCUS

```
AEB              -2..1..⬤..1..2*
WB SHIFT/BKT     0, 0/±0
Custom WB
```

```
◢●◣                  102-0218
Select an image
```

🄺 Setting the Color Temperature *

- Press the <AF·WB> button.
- Turn the <○> dial to select <🄺>.
- Select [◘ Color temp.].
- Turn the <○> dial to select the color temperature.
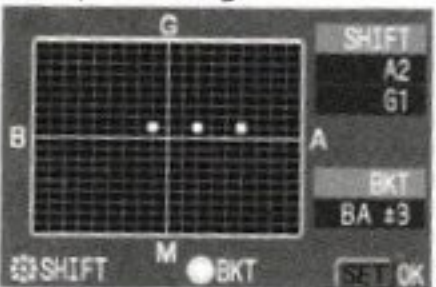- The color temperature can be set from 2800K to 10000K in 100K increments.

AI FOCUS

```
WB SHIFT/BKT     0, 0/±0
Custom WB
Color temp.     ▶ 5200K ↕
Color space      sRGB
```

White Balance Correction/Bracketing *

Select [📷 WB SHIFT/BKT].

White balance correction
- Use the <✜> to move the "▪" mark on the screen.
- B is blue, A is amber, M is magenta, and G is green. The correction can be set up to 9 levels. The color bias will be set in the respective direction.
- The "**SHIFT**" display on the upper right of the screen will indicate the correction direction and amount.

White balance bracketing
- Turn the <◯> dial to set the bracketing direction and amount.
- Turn the <◯> dial clockwise for B/A bracketing or counterclockwise for M/G bracketing.
- The bracketing amount can be set up to ±3 levels in single-level increments.
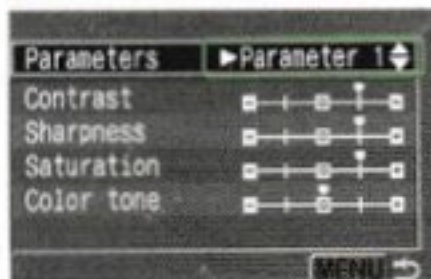- The "**BKT**" display on the right of the screen will indicate the bracketing direction and amount.

📓 One level of the B/A correction is equivalent to 5 mireds of a color temperature conversion filter.

Sample setting

WB correction: A2, G1
WB-BKT: B/A ±3 levels

❗ White balance bracketing will not work if the image-recording quality is set to RAW or RAW+JPEG.

Processing Parameters *

Color temp.	5200 K
Color space	sRGB
Parameters	Parameter 2
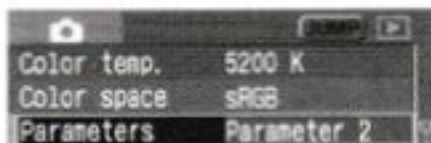
- Select [🔲 Parameters].
- Press <⊛>.

Parameters	▶Parameter 1⊕
Contrast	□—+—□—┆—□
Sharpness	□—+—□—┆—□
Saturation	□—+—□—┆—□
Color tone	□—+—□—+—□
	MENU ⏎

Select the Processing Parameter
- Turn the <○> dial to select the parameter.
  Parameter 1
  Vivid and sharp images.
  Parameter 2
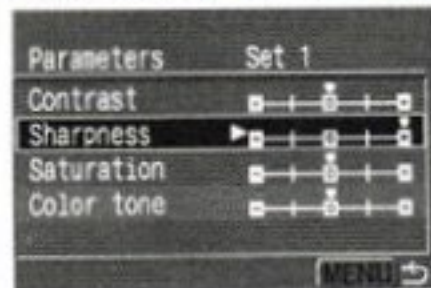 Subtle and natural colors.
  Set 1 to 3
  User-settable parameters.
  B/W
  For black-and-white images.

Parameters	▶Set 1	⊕

Parameters	Set 1
Contrast	□—+—□—+—□
Sharpness	▶□—+—□—+—□
Saturation	□—+—□—+—□
Color tone	□—+—□—+—□
	MENU ⏎

Setting the Processing Parameters Manually
- Select [**Set 1**], [**Set 2**], or [**Set 3**].
- Turn the <○> dial to select the parameter.
- Turn the <○> dial to select the effect.

| Parameter	Minus	Plus
Contrast	Low contrast	High contrast
Sharpness	Less sharp outline	Sharp outline
Saturation	Low saturation	High saturation
Color tone	Reddish skin tone	Yellowish skin tone

Shooting Operation

Shooting in the Basic Zone Modes

All the settings necessary for shooting are set automatically. You just press the shutter button, and the camera does the rest.

- Select the shooting mode that suits the subject.
- Aim a AF point over the subject and press the shutter button halfway.
- Check the display, then press the shutter button fully.

Basic Zone

☐ Full Auto
🏃 Portrait
🏔 Landscape
🌷 Close-up
🏃 Sports
🌃 Night Portrait
⚡ Flash Off

Shooting in the Creative Zone Modes
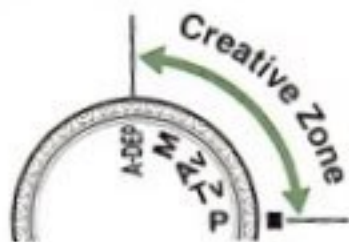
You can set the shutter speed and/or aperture and change the exposure as desired. By changing the camera settings, you can obtain various effects.

Creative Zone

Shooting Mode	< ⌂ > Dial	< ◯ > Dial
P (Program AE)	Program shift	Exposure compensation
Tv (Shutter-priority AE)	Shutter speed setting	Exposure compensation
Av (Aperture-priority AE)	Aperture setting	Exposure compensation
M (Manual)	Shutter speed setting	Aperture setting
A-DEP (Automatic Depth-of-Field AE)	—	Exposure compensation

AF AF Mode *
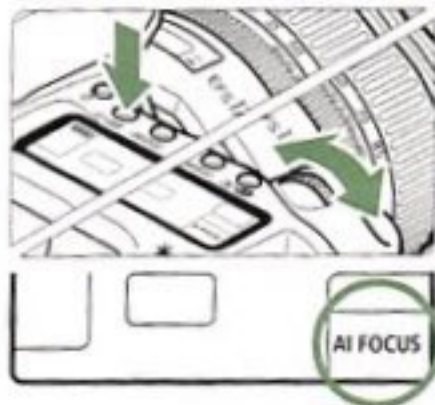
- Set the lens focus mode switch to
  <AF>.
- Press the <AF·WB> button.
- Turn the <✦> dial to select the
  AF mode.

ONE SHOT
　For still subjects.

AI FOCUS
　Switches the AF mode automatically.
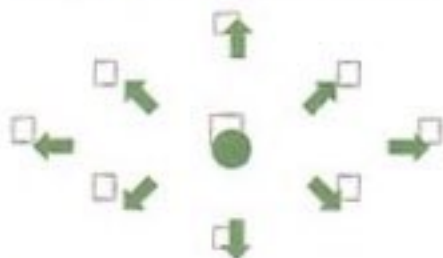
AI SERVO
　For moving subjects.

⊞ AF Point *

- Press the <⊞> button.

- Push the <✧> in the direction of
  the AF point you want to select.
- To select the center AF point, push
  the <✧> straight down.
- If you press the <✧> in the
  direction of the selected AF point,
  all the AF points will light and
  automatic AF point selection will
  be set.
- You can also select the AF point
 with the <✦> or <◯> dial.

⦿ Metering Mode *

● Press the < ⦿-⚡ > button.
● Turn the < ⬡ > dial to select the matering mode.
  ⦿ Evaluative metering:
    Standard metering mode
  ◎ Partial metering:
    Metering at the center covering
    about 9% of the viewfinder area.
  ☐ Centerweighted averaged metering:
    Metering weighted at the center
    and averaged for the entire scene.

⧉ Drive Mode *

● Press the <DRIVE·ISO> button.
● Turn the < ⬡ > dial to select the
  drive mode.

  ☐ Single shooting

  ⧉ Continuous shooting
    (Max. approx. 5 shots/sec.)

  ⏱ Self-timer Operation (10 sec.)

Exposure Compensation *

Standard
exposure index

Exposure
level mark

Minus   Plus
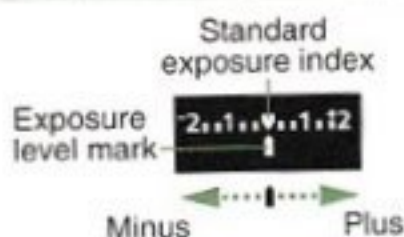
● Turn the Mode Dial to select any
  Creative Zone mode except <M>.
● Focus the subject and check the display.
● Turn the < ◯ > dial to set the exposure
  compensation amount (up to ±2 stops
  in 1/3-stop increments).

Automatic Exposure Bracketing (AEB) *

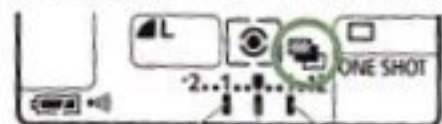| Quality |
| Red-eye On/Off |
| Beep |
| Shoot w/o card |
| AEB   ▶-2..1..0..1..2 |
| WB SHIFT/BKT |
| Custom WB |
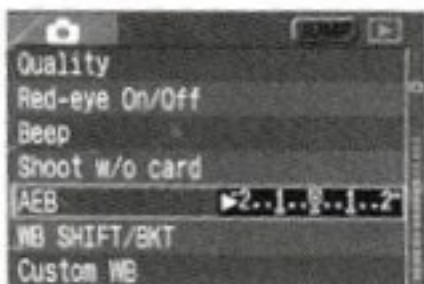
- Select [□ AEB].
- Turn the <◯> dial to set the AEB amount (up to ±2 stops in 1/3-stop increments).

② Minus — ① Standard — ③ Plus

✳ AE Lock *

- Focus the subject.
- Press the <✳> button.
- Recompose and take the picture.

✳ 60 5.6 -2..1..0..1..2 9●
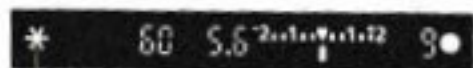
└ AE lock indicator

Using the Built-in Flash

In Basic Zone Modes

Under low-light or backlight conditions, the built-in flash pops up automatically and fires (except in <🏔> <🏃> <🚫> modes).

In Creative Zone Modes

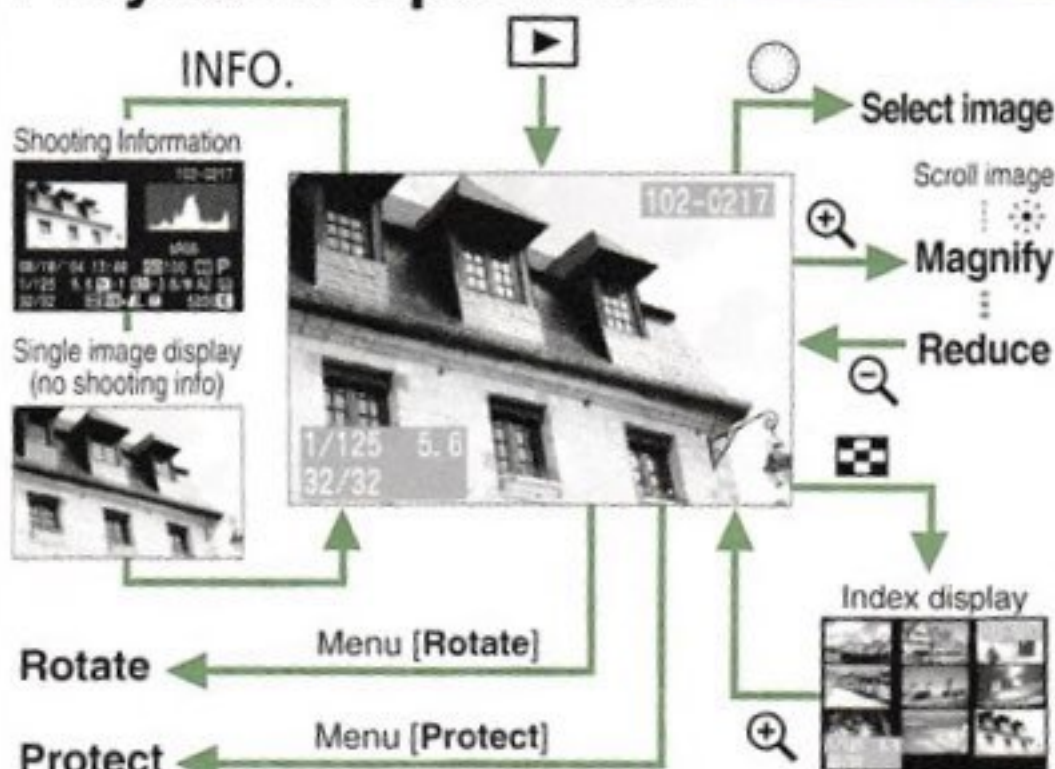Press the <⚡> button to pop up the built-in flash, then shoot.

Built-in Flash Range

ISO Speed	Wide-angle: 17 mm	Telephoto: 85 mm
100	Approx. 1-3.3m (3.3-10.8ft)	Approx. 1-2.3m (3.3-7.5ft)
400	Approx. 1-6.5m (3.3-21.3ft)	Approx. 1-4.6m (3.3-15.1ft)
1600	Approx. 1-13.0m (3.3-42.7ft)	Approx. 1-9.2m (3.3-30.2ft)

(using EF-S17-85mm f/4-5.6 IS USM lens)

Playback Operation

INFO.

Shooting Information

Single image display
(no shooting info)

102-0217

1/125   5. 6
32/32

Select image

Scroll image

Magnify

Reduce

Index display

Rotate   ← Menu [**Rotate**]

Protect   ← Menu [**Protect**]

Shooting Information

102-0217 — File No.

Image

Flash exposure
compensation amount

Shooting time

Shooting date — 08/18/'04 13:48

Shutter speed — 1/125 5. 6

Images recorded/
Total images recorded — 32/32

sRGB

ISO 100

Histogram
ISO speed
Color space
Metering mode
Shooting mode
WB correction
White balance
Color temperature
Monochrome
Original image verification
data appended

P

B/W A2 G3

5200 K

Aperture

Image protect

Exposure compensation amount

Image-recording quality